

**ELECTRIC PERCUTANEOUS CARDIAC PACING METHOD AND DEVICE**

**Publication number:** JP7144024  
**Publication date:** 1995-06-06  
**Inventor:** GEIRII EE FURIIMAN  
**Applicant:** ZMD CORP  
**Classification:**  
 - International: **A61N1/362; A61N1/362; (IPC1-7): A61N1/362**  
 - European: **A61N1/362B**  
**Application number:** JP19940187894 19940719  
**Priority number(s):** US19930093817 19930719

Also published as:



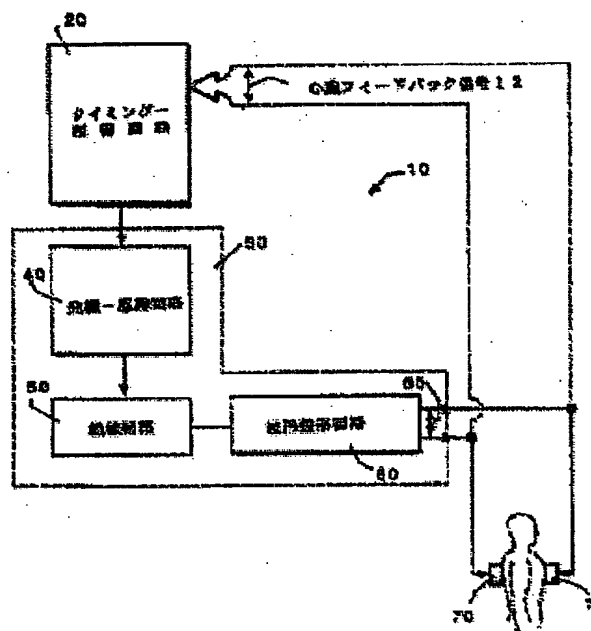
GB2280377 (A)  
 DE4425546 (A)

Report a data error he

**Abstract of JP7144024**

**PURPOSE:** To stimulate a heart of a patient while reducing stimulation to the skin or a skeletal muscle of the patient by sending out a single pulse row among plural individual pulse rows by an electrode pair different from an electrode pair to send out another single pulse row.

**CONSTITUTION:** An oscillating-driving circuit 40 generates a pulse flow, and an insulating circuit 50 offers the protection against an electric hazard for a patient by insulating interval voltage of a signal generator 10 from the patient. A waveform shaping circuit 60 inputs pulse row output of the insulating circuit 50, and generates pacing stimulation by changing a signal characteristic of a pulse row. Electrodes 70, and 72 give electric stimulation for percutaneous pacing of a heart to the patient. A timing control circuit 20 sets a timing characteristic of the pacing stimulation, and the pacing stimulation contains plural individual pulse rows, and at least a single pulse row among them is sent out by an electrode pair different from an electrode pair to send out another single pulse row.



Data supplied from the esp@cenet database - Worldwide